



ROOFING CORPORATION

Technical Bulletin:

Re: "Spray Foam" – Sealed Attics

Atlas Roofing Corporation only accepts the installation of asphalt shingles and/or self-adhered underlayments over highly insulated roof decks insulated with any type of foam insulation when an effective means of providing air flow directly below the nailing surface is permanently installed. The provided air flow must be continuous from the eaves area through to the highest point of the roof area.

Spray foam insulation applied directly to the bottom of the roof decking material is not acceptable to Atlas Roofing Corporation regarding warranty claims on either self-adhered underlayments or asphalt shingles.

The "Open Cell" and the "Closed Cell" foam types can contribute to a decrease in the expected life of asphalt-based roof covering and the decking materials, due to the inability of the finished roof system to properly dissipate heat and/or moisture from the system.

There are commercially available, economical and easily installed, ducting/baffle products which provide for continuous soffit to ridge air flow, directly below the decking material. The baffles are to be installed between the rafter/truss components to provide continuous air paths from the intake at the soffit areas through to the ridge vent exhaust openings at the ridge. The continuous baffles shall be installed, full cavity width, in all rafter cavities of the roof assembly. These baffle type products will alleviate the ventilation concerns noted above and will maintain the Atlas Roofing Corporation Shingle, Limited Warranty coverage when properly installed.

**Ed Todd
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Atlas Roofing Corporation**